

- TOOLS REQUIRED:** RIVET GUN ELECTRIC DRILL
 #2 PHILLIPS SCREWDRIVER 3/8" WRENCH
 VISE GRIP PLIERS 5/32" DRILL BIT

A. REMOVE EXISTING Z-LOCK OR IDLE END (front end of awning only)

Step 1. Open Awning. Extend awning to full open position then set and lock the rear rafter arm to hold the awning open. Use a ladder or another person to support the roller.

Step 2. Disconnect Head casting from roller. (Fig. 1)

- At front end of awning, remove and discard the bolt, washer and nut securing the Head Casting to the shaft, using a 3/8" wrench.
- Pull Head Casting from shaft.
- Support the roller and allow Main arm with head to rest on ground.

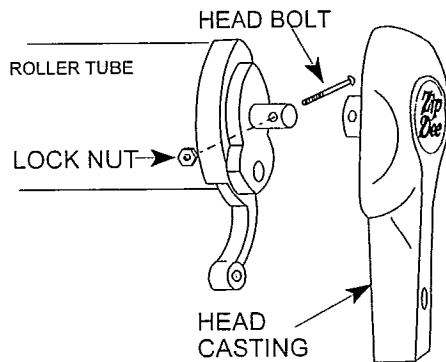


Figure 1

Step 3. Remove Z-Lock or Idle end (Fig. 2)

- Slide fabric on roller tube back to expose four rivets around end of tube.
- Drill out all four rivets using 5/32" drill bit.
- Use pliers to pull casting from tube as shown.

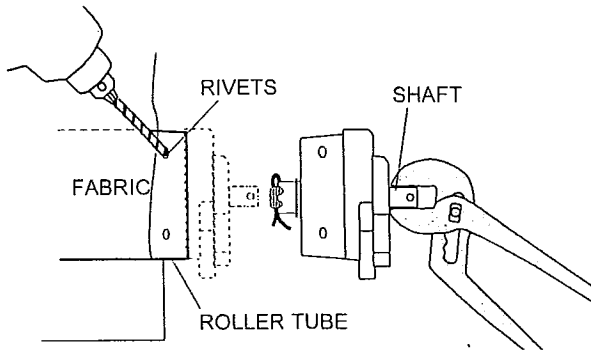


Figure 2

B. INSTALL NEW Z-LOCK

Step 1. Insert and secure Z-Lock (Fig. 3)

- Insert Z-Lock into tube.
- If replacing an "Idle End", drill four new 5/32" holes through roller tube and into the Z-Lock casting 1/2" from end of tube. If replacing an existing Z-Lock, use original holes in tube and drill into casting only.
- Insert new blind rivets and secure with rivet gun.

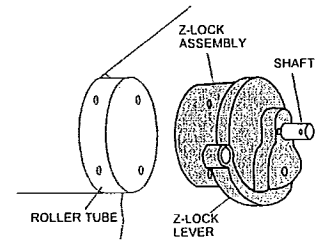


Figure 3

Step 2. Reconnect Head Casting and Arm

- Open Z-Lock and rotate cover assembly so that lever is facing down. (Fig. 4)
- Align hole in Head Casting with hole in shaft.
- Reattach Head Casting to shaft with new, partially threaded, black, hardened steel 10-32 x 1 1/2" machine screw and locknut provided. **Do not reuse old screw.**

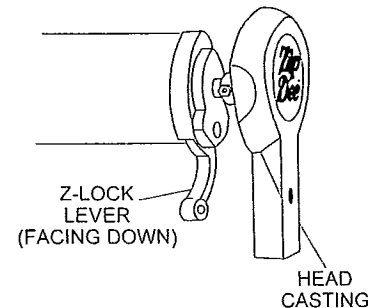


Figure 4

AWNING OPERATION WITH Z-LOCK (Fig. 5)

TO LOCK AWNING: Use pull rod to push lever upwards into CLOSED (locked) position. If lever does not completely engage, pull sharply outward on awning strap. Internal spring on lever should snap it closed.

TO UNLOCK AWNING: Use pull rod to pull lever completely down into OPEN (unlocked) position.

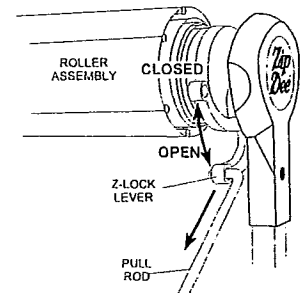


Figure 5